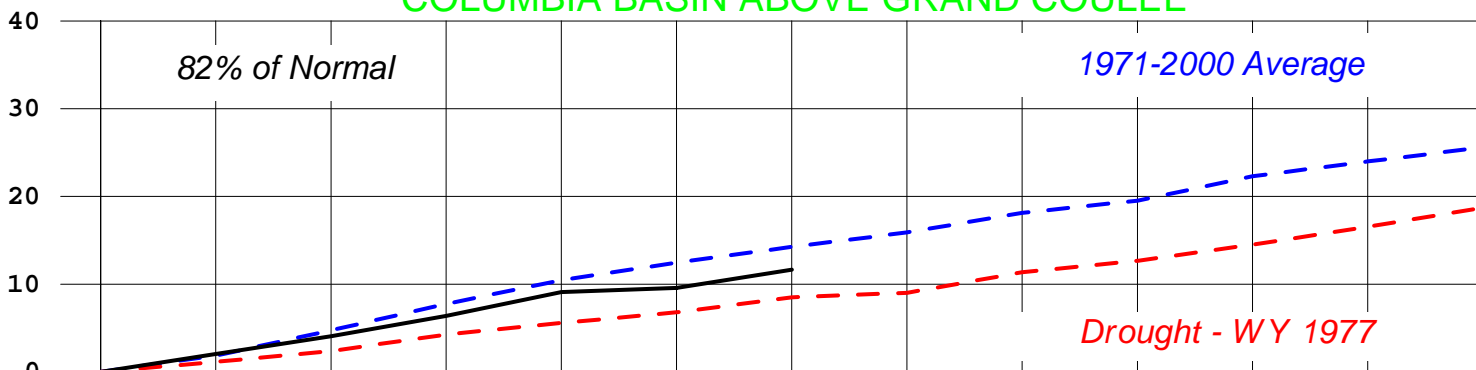
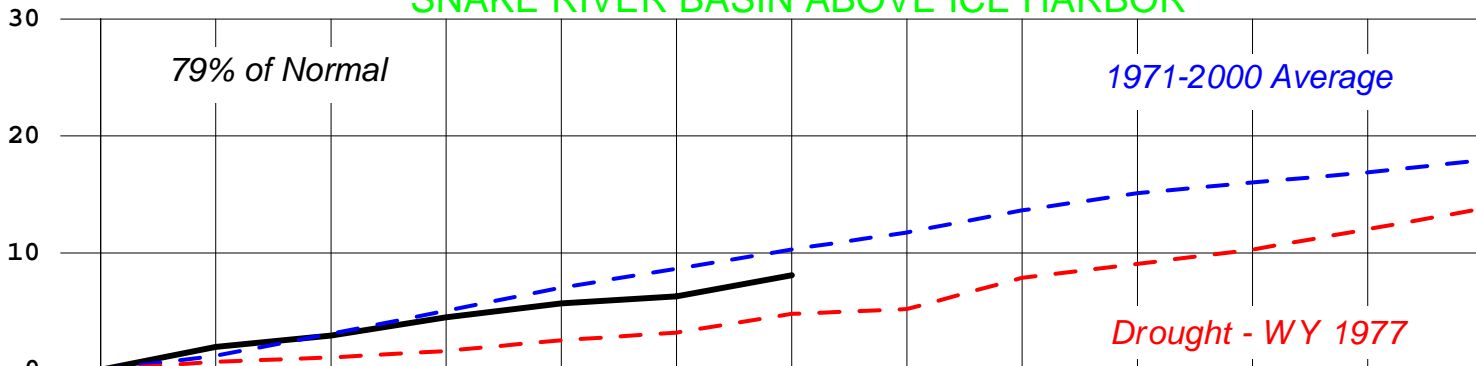


CUMULATIVE PRECIPITATION WATER YEAR 2005

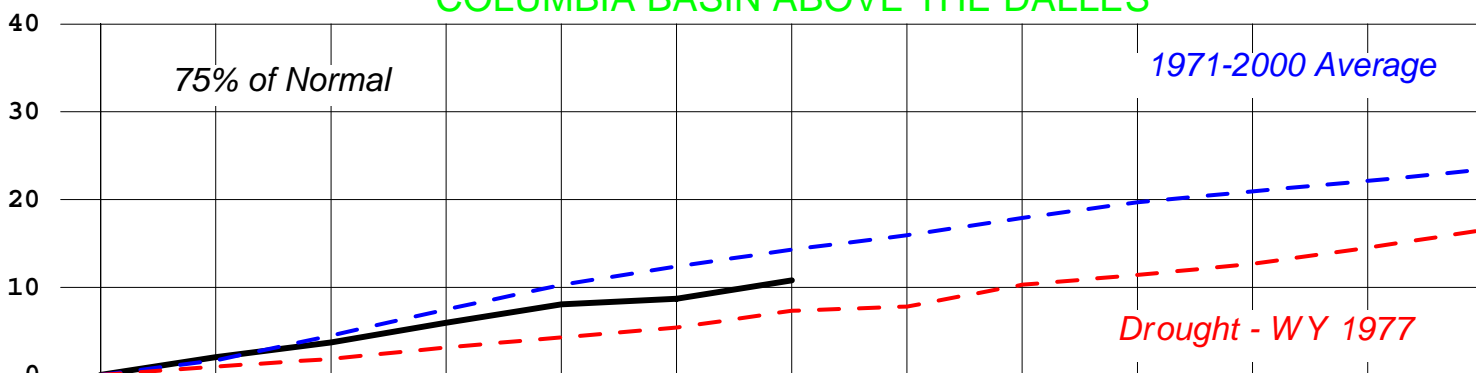
COLUMBIA BASIN ABOVE GRAND COULEE



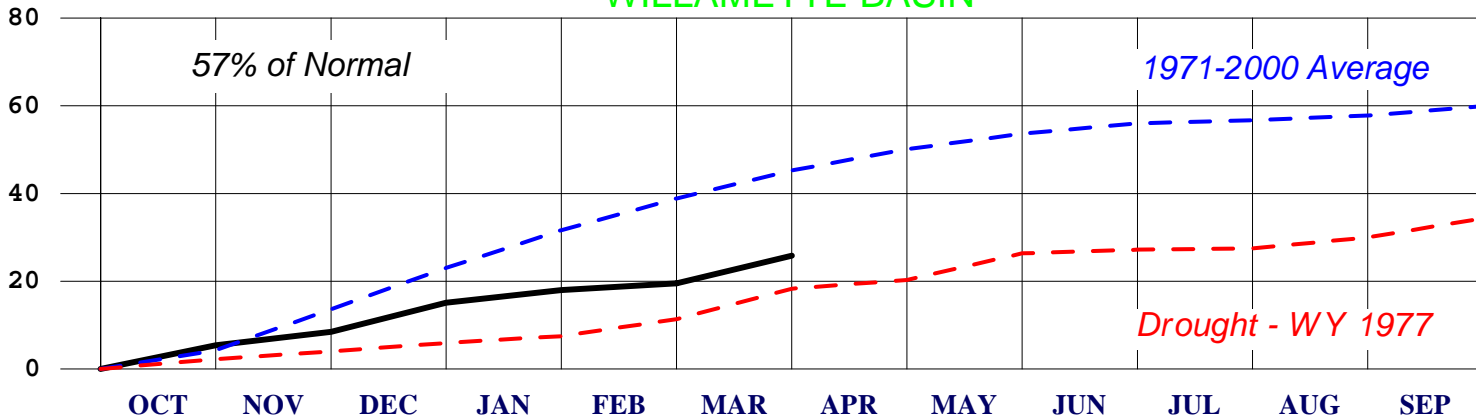
SNAKE RIVER BASIN ABOVE ICE HARBOR



COLUMBIA BASIN ABOVE THE DALLES



WILLAMETTE BASIN



\$\$

Monthly Divisional Precipitation Summary (March 2005)

Click on date to display forecast:

3-2005	2-2005	1-2005	12-2004	11-2004	10-2004	9-2004	8-2004	7-2004	6-2004	5-2004	4-2004
------------------------	------------------------	------------------------	-------------------------	-------------------------	-------------------------	------------------------	------------------------	------------------------	------------------------	------------------------	------------------------

Columbia Basin Seasonal Precipitation Division Averages Northwest River Forecast Center

(Monthly Summary - Mar 2005)

DIVISION	..MAR TO DAY 31..			OCT - MAR....			
	OBSD	DEP	PCT	AV	OBSD	DEP	PCT	AV
COLUMBIA ABOVE COULEE	2.06	0.27	115.		11.65	-2.60	82.	
SNAKE RV AB ICE HARBOR	1.78	0.13	108.		8.09	-2.20	79.	
COLUMBIA AB THE DALLES	2.08	0.16	109.		10.79	-3.50	75.	
COLUMBIA AB CASTLEGAR	2.31	-0.11	96.		18.88	-1.50	93.	
KOOTENAI	1.87	0.09	105.		11.28	-3.31	77.	
CLARK FORK	1.24	0.04	103.		5.17	-3.82	58.	
FLATHEAD	2.68	1.05	164.		10.84	-1.34	89.	
PEND OREILLE/ SPOKANE	3.80	1.03	137.		16.42	-3.77	81.	
NORTHEAST WASHINGTON	1.70	0.08	105.		8.31	-2.51	77.	
OKANOGAN	1.02	-0.09	92.		6.81	-2.16	76.	
EAST SLOPES WASH CASC.	3.72	0.27	108.		19.73	-11.88	62.	
CENTRAL WASHINGTON	0.74	-0.09	89.		3.61	-2.30	61.	
UPPER SNAKE	1.63	-0.10	94.		9.48	-1.86	84.	
SNAKE RIVER PLAIN	1.03	-0.10	91.		5.20	-0.91	85.	

OWYHEE/ MALHEUR	1.44	0.31	127.	6.29	-0.26	96.
SALMON/ BOISE/ PAYETTE	2.42	0.48	125.	8.53	-4.24	67.
BURNT/ GRANDE RONDE	1.45	0.06	104.	6.76	-2.85	70.
CLEARWATER	2.75	-0.05	98.	13.26	-5.35	71.
SOUTHEAST WASHINGTON	1.67	-0.24	88.	6.89	-5.59	55.
UPPER JOHN DAY	1.19	-0.21	85.	6.70	-1.99	77.
UMATILLA/ LWR JOHN DAY	1.31	-0.31	81.	6.75	-3.60	65.
UPR DESCHUTES/ CROOKED	1.27	-0.10	93.	7.51	-2.44	75.
HOOD/ LOWER DESCHUTES	2.78	0.09	103.	12.06	-9.46	56.
NW SLOPE WASH CASCADES	8.15	-0.50	94.	49.61	-15.85	76.
SW WA CASCADES/COWLITZ	7.50	0.42	106.	33.87	-19.60	63.
WILLAMETTE VALLEY	6.30	-0.09	99.	25.82	-19.45	57.
ROGUE/ UMPQUA	4.38	0.25	106.	21.10	-6.72	76.
KLAMATH BASIN	1.27	-0.77	62.	9.50	-4.15	70.
LAKE COUNTY-GOOSE LAKE	0.76	-0.53	59.	6.64	-1.00	87.
HARNEY/ MALHEUR BASIN	0.94	-0.28	77.	5.26	-1.41	79.

Columbia River Basin division values are computed by utilizing un-weighted precipitation amounts from key stations in each area.

Precipitation normals are based on 1971-2000 historical data.

Please contact NWRFC for further information: (503) 326-7291.

ABOVE NORMAL TEMPERATURES AND NEAR NORMAL PRECIPITATION IN MARCH

The blocking pattern that prevailed across the Pacific Northwest during the latter part of February continued into early March, and brought drier and warmer than normal conditions to the region. Late in the month, the blocking pattern finally broke down, which allowed a series of Pacific storm systems to move across the region. A strong storm system that impacted the region from the 26th to the 28th helped to boost monthly precipitation to near

normal.

Precipitation Summary

March precipitation was: 115 percent of normal (1971-2000) at Columbia above Coulee, 108 percent of normal at the Snake River above Ice Harbor, and 109 percent of normal at Columbia above the Dalles.

Seasonal (October through March) precipitation was: 82 percent of normal(1971-2000) at Columbia above Coulee, 79 percent of normal at the Snake River above Ice Harbor, and 75 percent of normal at Columbia above the Dalles.

Daily precipitation records broken in March included 0.21 inches at Wenatchee on the 19th, 1.23 inches at Astoria on the 20th, 0.45 inches at Pocatello on the 23rd, 1.19 inches at Portland, 1.51 inches at Seattle, 2.01 inches at Olympia, and 2.61 inches at Astoria on the 26th, and 0.43 inches at Pendleton, 0.45 inches at Lewiston, 0.64 inches(tie) at Seattle, 0.88 inches at Spokane, and 1.17 inches at Portland on the 27th.

Temperature Summary

The 31 station temperature index for the Pacific Northwest departed +2.5 degrees from normal relative to the 1971-2000 normals. Mean temperature departures ranged from -3.1 to 8.3 degrees.

High temperature records broken in March included 61 at Wenatchee on the 4th, 61 at Wenatchee on the 5th, 57 at Kalispell, 65 at Wenatchee, 67(tie) at Olympia, 67 at Yakima, and 68 at Redmond OR on the 6th, 66 at Olympia , 69(tie) at Portland, 69 at Lewiston and Pendleton, 71(tie) at Eugene, and 71 at Yakima on the 7th, 67 at

Seattle, 68 at Boise and Wenatchee, 69 (tie) at Pendleton, 70(tie) at Yakima, 70 at Olympia, and 72(tie) at Portland on the 8th, 64 at Missoula, 70 at Portland and Redmond OR, and 72(tie) at Eugene on the 9th, 65(tie) at Wenatchee, 67 at Redmond OR, 68 at Pendleton, 69(tie) at Eugene, and 74 at Portland on the 10th, 65(tie) at Seattle, 65 at Kalispell, 68 at Wenatchee, 69 at Pendleton, 70 at Olympia, 72 at Eugene and Yakima, 73 at Salem, 75 at Portland, 76 at Redmond OR, and 80 at Medford on the 11th, 67(tie) at Astoria on the 12th, and 67 at Olympia on the 14th.

Low temperature records broken in March included 12 at Redmond OR and 25 at Olympia on the 14th.

National Weather Service
Northwest River Forecast Center (NWRFC)
5241 NE 122nd Avenue
Portland, Oregon 97230-1089
Telephone: 503-326-7401

[Disclaimer](#) [Privacy Policy](#) [Product De:](#)

Last Modified: December 7, 2004